

# **FEDERAL ITEM IDENTIFICATION GUIDE**

## **FRAME SECTION, STRUCTURAL, VEHICULAR**

### **ITEM NAME CODE**

### **37539**

This reprint replaces FIIG A507R, dated May 5, 2006



Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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## INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

## SECTION I

MRC      Mode Code      Requirements

---

NAME      D      ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code applicable to this FIIG. (e.g., NAMED37539\*)

MATT      D      MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATTDALB000\*; MATTDSTA000\$STB000\*; MATTDSTA000\$\$DSTB000\*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
	Brass (use Reply Code CUB000)
CUB000	COPPER ALLOY
FEA000	IRON
FEB000	IRON CAST
PCA000	PLASTIC
STA000	STEEL
STB000	STEEL CORROSION RESISTING

MDCL \*      J      MATERIAL DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS CLASS, CONDITION, TEMPER, AND THE LIKE, THAT IDENTIFIES THE MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the document designator and classification.

(e.g., MDCLJBAQQ-S-763\*;

MDCLJBBDD-G-451, TYPE I\$JBCL-P-393\*;

MDCLJBBQQ-A-200/2\$JBCQQ-A-200/3\*)

Table 1

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	<u>REPLY CODE</u>	<u>REPLY (AP33)</u>
	G	ASSN STD
	B	FED SPC
	C	FED STD
	F	MFR REF
	D	MIL SPEC
	E	MIL STD
	H	NATIONAL SPEC

Table 2

REPLY      REPLY (AP18)

CODE

G	ALL MATERIAL RESPONSES (use only when all material is controlled by the same document and classifications are dential)
A	SINGLE MATERIAL RESPONSE
B	1ST MATERIAL RESPONSE
C	2ND MATERIAL RESPONSE
D	3RD MATERIAL RESPONSE
E	4TH MATERIAL RESPONSE
F	5TH MATERIAL RESPONSE

SFTT \*      D      SURFACE TREATMENT

Definition: THE METALLIC, NONMETALLIC, AND/OR CHEMICAL PROPERTIES WITH WHICH THE ITEM IS PLATED, DIPPED, AND/OR COATED. THE TREATMENT IS DESIGNED TO PROTECT THE SURFACE(S) AND CANNOT BE WIPED OFF.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SFTTDPSA000\*; SFTTDANA000\$DCMA000\*; SFTTDCDA000\$\$DPSA000\*)

<u>REPLY CODE</u>	<u>REPLY (SF01)</u>
ALA000	ALUMINUM ALLOY
ANA000	ANODIZE
CDA000	CADMIUM
CMA000	CHROMATE
CMB000	CHROMATE ZINC
CRA000	CHROMIUM
DCA000	DICHROMATE
DCC000	DICHROMATE ZINC
ENA000	ENAMEL
LQA000	LACQUER
XXB000	OXIDE
XXA000	OXIDE FILM
PNA000	PAINT
PSA000	PASSIVATE
PHA000	PHOSPHATE

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PHB000	PHOSPHATE IRON
PHC000	PHOSPHATE MANGANESE
PHD000	PHOSPHATE ZINC
PCA000	PLASTIC
PRA000	PRIMER
PRF000	PRIMER EPOXY
SLA000	SILICON
SNA000	TIN
ZNA000	ZINC

STDC \*      J                      SURFACE TREATMENT DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS TYPE, CLASS, GRADE, AND THE LIKE, THAT IDENTIFIES THE SURFACE TREATMENT MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the document designator and classification.

(e.g., STDCJBAQQ-P-35, TYPE 1\*;

STDCJBBQQ-A-696\$\$JDCMIL-C-5541, CLASS 3\*;

STDCJBBQQ-P-416, TYPE I, CLASS I\$JBCQQ-P-35, TYPE 8\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AP33)</u>
G	ASSN STD
B	FED SPEC
C	FED STD
F	MFR REF
D	MIL SPEC
E	MIL STD
H	NATIONAL SPEC

Table 2

<u>REPLY CODE</u>	<u>REPLY (AP39)</u>
G	ALL TREATMENT RESPONSES (use only when all treatment is controlled by the same document and classifications are identical)
A	SINGLE TREATMENT RESPONSE
B	1ST TREATMENT RESPONSE
C	2ND TREATMENT RESPONSE
D	3RD TREATMENT RESPONSE
E	4TH TREATMENT RESPONSE
F	5TH TREATMENT RESPONSE



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CYHX      A                      VEHICLE DESIGN CONTROL ACTIVITY

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER ENTITY, WHICH CONTROLS THE DESIGN OF THE VEHICLE.

Reply Instructions: Enter the Commercial and Government Entity (CAGE) Code.  
(e.g., CYHXA23040\*)

CYHZ      A                      VEHICLE YEAR(S)

Definition: THE FOUR (4) DIGIT NUMBER INDICATING THE PRODUCTION YEAR(S) OF THE VEHICLE.

Reply Instructions: Enter the year(s).

(e.g., CYHZA1988\*;

CYHZA1980\$\$A1987\*;

CYHZA1980-1985\*)

CYHY      A                      VEHICLE IDENTIFICATION DESIGNATOR

Definition: THE NAME OR COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH IDENTIFY THE SPECIFIC VEHICLE.

Reply Instructions: Enter the appropriate designation data. (e.g., CYHYAPLYMOUTH VOYAGER\*; CYHYA152LP\$\$A726M\*)

ABHP \*    J                      OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA5.000\*; ABHPJLA25.4\*; ABHPJAB4.250\$\$JAC5.500\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

REPLY (AC20)

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MRC	Mode Code	Requirements
	A	NOMINAL
	B	MINIMUM
	C	MAXIMUM

ABMK \* J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA3.500\*; ABMKJLA25.4\*L; ABMKJAB3.250\$\$JAC3.750\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDAAC\*)

<u>REPLY CODE</u>	<u>REPLY (AM39)</u>
AAC	BOLT
AYN	BOLT-NUT
ACR	FLANGE
AAB	INTEGRAL
ADC	PRESS FIT
AAW	THREADED MOUNTING STUDS
AKK	WELDED

BBJX D MOUNTING POSITION

Definition: THE INSTALLED POSITION FOR WHICH THE ITEM IS DESIGNED.

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Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBJXDAAC\*; BBJXDACG\$DACJ\*)

<u>REPLY CODE</u>	<u>REPLY (AM84)</u>
ACP	AUXILIARY EQUIPMENT SUPPORT
ACQ	AXLE SUPPORT
ACC	BODY FRONT
ACD	BODY REAR
ACE	BODY SIDE
ACF	BODY TOP
ACG	LEFT DOOR
ACH	LEFT FRONT
AAB	LEFT SIDE
ACR	RADIATOR SUPPORT
ACJ	RIGHT DOOR
ACK	RIGHT FRONT
AAC	RIGHT SIDE
ABA	SUSPENDED FROM BEAM
ACS	TRANSMISSION SUPPORT
AAW	UNIVERSAL

TMQY \*    J                      FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., TMQYJAAD1\*; TMQYJAAN1\$\$JABR2\*)

<u>REPLY CODE</u>	<u>REPLY (AB28)</u>
ABR	BOLT
ABS	BRACKET
BJA	BRAKE LINE BRACKET PLATE
AJM	BUSHING
AGA	MACHINE SCREW
AAN	MOUNTING NUT
AAD	PROTECTIVE END CAP
BKA	RUBBER BUMPER
BKB	RUBBER BUSHING
BPQ	SHIM
AED	SLIP NUT
BGH	SLIP WASHER
AFN	STUD

CBBL \*    D                      FEATURES PROVIDED

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Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBRL; CBBLDBRL\$\$DAZB\*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
DAZ	ALIGNMENT GROOVE
DDM	CUSHION
CQR	HEAVY DUTY
CFC	MOUNTING PAD
BRL	NOTCHED SLIDE
BWW	REVERSIBLE
CXP	STABILIZER
CQS	STANDARD DUTY
AZB	SUSPENSION BAR

FEAT \*      G      SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED\*)

ZZZK \*      J      SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B\*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/\*;

ZZZKJP80205-NAS1103\*;

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ZZZKJS81349-MIL-C-1140C/CE/\*;

ZZZKJT81337-30642B\$\$\$JP80205-NAS1103\*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STANDARD/SPECIFICATION
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT \*      J                      NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$\$JSTA\*; ZZZTJTY1\$JSTA\*)

ZZZY \*      G                      REFERENCE NUMBER DIFFERENTIATING  
CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

CRTL \*      A                      CRITICALITY CODE JUSTIFICATION

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Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA\*; CRTLAAKJA\$\$ACSGS\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY \*      A      PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAAKJA\$\$ACSGS\*)

ELRN \*      G      EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365\*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

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MRC	Mode Code	Requirements
CXCY *	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.		
Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)		
AGAV *	G	END ITEM IDENTIFICATION
Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.		
Reply Instructions: Enter the applicable reply in clear text.		
(e.g., AGAVG3930-00-000-0000*;		
AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)		
CLQL *	G	COLLOQUIAL NAME
Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.		
Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)		

**Reply Tables**

Table 1 - NONDEFINITIVE SPEC/STD DATA..... 18



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Table 1 - NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

## Reference Drawing Groups

**No table of contents entries found.**



## **FIIG Change List**

FIIG Change List, Effective May 1, 2009.

Added MRC AGAV to FIIG.

APPENDIXC

